Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
E1.	16046	((438/624) or (438/625) or (438/626) or (438/627) or (438/629) or (438/631) or (438/632) or (438/633) or (438/634) or (438/636) or (438/637) or (438/638) or (438/645) or (438/645) or (438/646) or (438/645) or (438/653) or (438/666) or (438/663) or (438/666) or (438/669) or (438/672) or (438/674) or (438/675) or (438/685) or (438/687) or (438/692) or (438/700)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/20 12:21
L2	206	1 and ((resist or photoresist) near5 plug)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/20 12:22
L3	96	2 and (etch\$3 adj stop\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/20 12:22
L4	16	3 and (BARC or ARC or (anti adj2 refelct\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR .	ON	2005/04/20 12:27
L5	11	4 and cap\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/20 12:27
S1	11675	((438/625) or (438/626) or (438/627) or (438/629) or (438/631) or (438/632) or (438/633) or (438/637) or (438/643) or (438/645) or (438/646) or (438/648) or (438/653) or (438/656) or (438/660) or (438/663) or (438/669) or (438/672) or (438/674) or (438/685) or (438/687) or (438/685) or (438/687) or (438/692) or (438/700)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/04/20 12:20

S2	5058	(((438/625) or (438/626) or (438/627) or (438/629) or (438/631) or (438/632) or (438/633) or (438/637) or (438/643) or (438/645) or (438/646) or (438/656) or (438/653) or (438/656) or (438/669) or (438/672) or (438/674) or (438/675) or (438/685) or (438/687) or (438/687) or (438/692) or (438/700)).CCLS.) and (cmp or (chemical\$2 adj mechanical\$2 adj polish\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/23 22:01
53	0	((((438/625) or (438/626) or (438/627) or (438/629) or (438/631) or (438/632) or (438/633) or (438/637) or (438/643) or (438/645) or (438/646) or (438/648) or (438/653) or (438/656) or (438/660) or (438/663) or (438/669) or (438/672) or (438/674) or (438/675) or (438/685) or (438/687) or (438/692) or (438/700)).CCLS.) and (cmp or (chemical\$2 adj mechanical\$2 adj polish\$3))) and dish43	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/23 22:02
S4	735	((((438/625) or (438/626) or (438/627) or (438/629) or (438/631) or (438/632) or (438/633) or (438/637) or (438/643) or (438/645) or (438/646) or (438/648) or (438/653) or (438/663) or (438/669) or (438/663) or (438/669) or (438/672) or (438/674) or (438/687) or (438/685) or (438/687) or (438/692) or (438/700)).CCLS.) and (cmp or (chemical\$2 adj mechanical\$2 adj polish\$3))) and dish\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/23 22:02

S5	501	(((((438/625) or (438/626) or (438/627) or (438/629) or (438/631) or (438/632) or (438/633) or (438/637) or (438/643) or (438/645) or (438/646) or (438/648) or (438/653) or (438/656) or (438/660) or (438/663) or (438/669) or (438/672) or (438/674) or (438/687) or (438/685) or (438/687) or (438/692) or (438/700)).CCLS.) and (cmp or (chemical\$2 adj mechanical\$2 adj polish\$3))) and dish\$3) and (copper or cu)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/23 22:02
S6	195	((((((438/625) or (438/626) or (438/627) or (438/629) or (438/631) or (438/632) or (438/633) or (438/637) or (438/643) or (438/645) or (438/646) or (438/648) or (438/653) or (438/656) or (438/660) or (438/663) or (438/669) or (438/672) or (438/685) or (438/687) or (438/685) or (438/687) or (438/692) or (438/687) or (438/692) or (438/700)).CCLS.) and (cmp or (chemical\$2 adj mechanical\$2 adj polish\$3))) and dish\$3) and (copper or cu)) and ((copper or cu) same (diffusion near10 (barrier or anti)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/23 22:03
S7	174	((((((((438/625) or (438/626) or (438/627) or (438/629) or (438/631) or (438/632) or (438/633) or (438/637) or (438/643) or (438/645) or (438/646) or (438/648) or (438/653) or (438/656) or (438/660) or (438/663) or (438/669) or (438/672) or (438/685) or (438/687) or (438/685) or (438/687) or (438/692) or (438/700)).CCLS.) and (cmp or (chemical\$2 adj mechanical\$2 adj polish\$3))) and dish\$3) and (copper or cu) and ((copper or cu) same (diffusion near10 (barrier or anti)))) and (damascene or trench)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/23 23:11

S8	17	//////////////////////////////////////	US-PGPUB;	OR	ON	2004/07/23 22:05
30	1/	((((((((438/625) or (438/626) or		00	ON	2007/07/23 22.03
		(438/627) or (438/629) or	USPAT;		1	
		(438/631) or (438/632) or	EPO; JPO;			
		(438/633) or (438/637) or	DERWENT;			
		(438/643) or (438/645) or	IBM_TDB			
		(438/646) or (438/648) or				
		(438/653) or (438/656) or			,	
		(438/660) or (438/663) or				
		(438/669) or (438/672) or				
		(438/674) or (438/675) or				
		(438/685) or (438/687) or				
		(438/692) or (438/700)).CCLS.)				
		and (cmp or (chemical\$2 adj			1	
		mechanical\$2 adj polish\$3))) and				
		dish\$3) and (copper or cu)) and				
		((copper or cu) same (diffusion			E .	
		near10 (barrier or anti)))) and				
		(damascene or trench)) and				
		1 ` ' ' '				
		(polish near10 (stop\$4 or anti))				1

S9	0	((((((((438/625) or (438/626) or	US-PGPUB;	OR	ON	2004/07/23 22:05
		(438/627) or (438/629) or	USPAT;			
•		(438/631) or (438/632) or	EPO; JPO;			
		(438/633) or (438/637) or	DERWENT;			
		(438/643) or (438/645) or	IBM_TDB			
		(438/646) or (438/648) or	_			
		(438/653) or (438/656) or				
		(438/660) or (438/663) or				
		(438/669) or (438/672) or				
		(438/674) or (438/675) or				
		(438/685) or (438/687) or				
		(438/692) or (438/700)).CCLS.)				
		and (cmp or (chemical\$2 adj				
		mechanical\$2 adj polish\$3))) and				
		dish\$3) and (copper or cu)) and			· .	
		((copper or cu) same (diffusion				
		near10 (barrier or anti)))) and				
		(damascene or trench)) and				
		(polish near10 stop\$4)) not				
		((((((((438/625) or (438/626) or				
		(438/627) or (438/629) or				
		(438/631) or (438/632) or				
		(438/633) or (438/637) or				
		(438/643) or (438/645) or				
		(438/646) or (438/648) or				
		(438/653) or (438/656) or				
		(438/660) or (438/663) or				
		(438/669) or (438/672) or				
		(438/674) or (438/675) or				
		(438/685) or (438/687) or				
		(438/692) or (438/700)).CCLS.)				
		and (cmp or (chemical\$2 adj				
		mechanical\$2 adj polish\$3))) and				
		dish\$3) and (copper or cu)) and				
		((copper or cu) same (diffusion				
1		near10 (barrier or anti)))) and				
		(damascene or trench)) and				
		(polish near10 (stop\$4 or anti)))		1		

010	·	(400/606)			-	2004/07/22 22 40
S10	17	(((((((438/625) or (438/626) or	US-PGPUB;	OR	ON	2004/07/23 22:10
		(438/627) or (438/629) or	USPAT;			
		(438/631) or (438/632) or	EPO; JPO;			
		(438/633) or (438/637) or	DERWENT;			
		(438/643) or (438/645) or	IBM TDB			
		(438/646) or (438/648) or	_			
		(438/653) or (438/656) or				
		(438/660) or (438/663) or				
		(438/669) or (438/672) or				
		(438/674) or (438/675) or				
		(438/685) or (438/687) or				
\		(438/692) or (438/700)).CCLS.)				
		and (cmp or (chemical\$2 adj				
ļ		mechanical\$2 adj polish\$3))) and				
		dish\$3) and (copper or cu)) and				
		((copper or cu) same (diffusion				
		near10 (barrier or anti)))) and				
		(damascene or trench)) and			İ	
		(polish near10 stop\$4)				

S11 174 ((((((((438/625) or (438/626) or (438/627) or (438/627) or (438/629) or (438/631) or (438/632) or (438/631) or (438/633) or (438/637) or (438/643) or (438/645) or (438/643) or (438/645) or (438/646) or (438/656) or (438/669) or (438/669) or (438/669) or (438/669) or (438/674) or (438/672) or (438/695) or (438/697) or (438/695) or (438/695) or (438/695) or (438/697) or (43	22:11		M I	10	I OD	I I IC_DCDI ID.	////////////////////////////////////		
(438/631) or (438/632) or (438/633) or (438/633) or (438/637) or (438/645) or (438/646) or (438/646) or (438/665) or (438/660) or (438/660) or (438/660) or (438/669) or (438/667) or (438/674) or (438/675) or (438/687) or (438/687) or (438/692) or (438/692) or (438/692) or (438/693))) and dish\$3) and (cmp or (chemical\$2 adj mechanical\$2 adj polish\$3))) and dish\$3) and (copper or cu) same (diffusion near10 (barrier or anti)))) and (damascene or trench)) and (passivat\$3 ner ((((((((((438/625) or (438/627) or (438/629) or (438/633) or (438/632) or (438/633) or (438/637) or (438/643) or (438/645) or (438/663) or (438/672) or (438/664) or (438/673) or (438/665) or (438/674) or (438/675) or (438/692) or (438/675) or (438/692) or (438/675) or (438/692) or (438/692) or (438/675) or (438/692) or (438/675) or (438/692) or (438/670)).CCLS.) and (cmp or		2004/07/23 2	1.4	١,٠	UK.			1/4	511
(438/633) or (438/637) or (438/643) or (438/646) or (438/648) or (438/664) or (438/653) or (438/660) or (438/663) or (438/660) or (438/663) or (438/660) or (438/663) or (438/660) or (438/667) or (438/667) or (438/669) or (438/675) or (438/692) or (438/697) or (438/692) or (438/692) or (438/700)).CCLS.) and (cmp or (chemical\$2 adj mechanical\$2 adj polish\$3))) and dish\$3) and (copper or cu) same (diffusion near10 (barrier or anti)))) and (damascene or trench)) and (passivat\$3 ner (((((((((438/625) or (438/626) or (438/637) or (438/633) or (438/637) or (438/643) or (438/645) or (438/646) or (438/648) or (438/646) or (438/656) or (438/660) or (438/663) or (438/660) or (438/667) or (438/669) or (438/667) or (438/669) or (438/667) or (438/669) or (438/667) or (438/668) or (438/668) or (438/667) or (438/669) or (438/667) or (438/668) or (438/669) or (438/667) or (438/669) or (438/670) or (438/672) or (438/692) or (438/670) or (438/692) or (438/670) or (438/692) or (438/670)).CCLS.) and (cmp or							(438/627) or (438/629) or		
(438/643) or (438/645) or (438/646) or (438/653) or (438/656) or (438/656) or (438/650) or (438/650) or (438/659) or (438/657) or (438/669) or (438/675) or (438/685) or (438/687) or (438/685) or (438/687) or (438/685) or (438/687) or (438/692) or (438/670).CCLS.) and (cmp or (chemical\$2 adj mechanical\$2 adj polish\$3))) and dish\$3) and (copper or cu)) and ((copper or cu) same (diffusion near10 (barrier or anti)))) and (damascene or trench)) and (passivat\$3 ner (((((((((438/625) or (438/629) or (438/631) or (438/632) or (438/633) or (438/637) or (438/643) or (438/645) or (438/645) or (438/663) or (438/660) or (438/663) or (438/660) or (438/663) or (438/660) or (438/667) or (438/665) or (438/665) or (438/667) or (438/665) or (438/667) or (438/665) or (438/667) or (438/665) or (438/667) or (EPO; JPO;	(438/631) or (438/632) or		
(438/646) or (438/648) or (438/653) or (438/660) or (438/663) or (438/660) or (438/663) or (438/669) or (438/672) or (438/674) or (438/675) or (438/685) or (438/687) or (438/6892) or (438/700)).CCLS.) and (cmp or (chemical\$2 adj mechanical\$2 adj polish\$3))) and dish\$3) and (copper or cu)) and ((copper or cu) same (diffusion near10 (barrier or anti)))) and (damascene or trench)) and (passivat\$3 ner ((((((((438/625) or (438/626) or (438/632) or (438/632) or (438/633) or (438/633) or (438/643) or (438/645) or (438/646) or (438/645) or (438/646) or (438/645) or (438/663) or (438/6685) or (438/6685) or (438/675) or (438/6685) or (438/675) or (438/6685) or (438/6877) or (438/685) or (438/6877) or (438/6859) or (438/6877) or (438/6892) or (438/700)).CCLS.) and (cmp or						DERWENT;	(438/633) or (438/637) or		
(438/646) or (438/648) or (438/653) or (438/656) or (438/660) or (438/663) or (438/669) or (438/672) or (438/674) or (438/675) or (438/685) or (438/687) or (438/692) or (438/700)).CCLS.) and (cmp or (chemical\$2 adj mechanical\$2 adj polish\$3))) and dish\$3) and (copper or cu)) and ((copper or cu) same (diffusion near10 (barrier or anti)))) and (damascene or trench)) and (passivat\$3 ner ((((((((438/625) or (438/626) or (438/627) or (438/632) or (438/631) or (438/632) or (438/633) or (438/645) or (438/646) or (438/645) or (438/669) or (438/663) or (438/660) or (438/663) or (438/660) or (438/672) or (438/665) or (438/675) or (438/669) or (438/677) or (438/685) or (438/6877) or (438/685) or (438/6877) or (438/685) or (438/6877) or (438/685) or						IBM_TDB	(438/643) or (438/645) or		
(438/653) or (438/656) or (438/660) or (438/663) or (438/669) or (438/672) or (438/674) or (438/687) or (438/685) or (438/687) or (438/692) or (438/700)).CCLS.) and (cmp or (chemical\$2 adj mechanical\$2 adj polish\$3))) and dish\$3) and (copper or cu)) and ((copper or cu) same (diffusion near10 (barrier or anti)))) and (damascene or trench)) and (passivat\$3 ner ((((((((((438/625) or (438/626) or (438/637) or (438/629) or (438/633) or (438/637) or (438/646) or (438/645) or (438/653) or (438/645) or (438/660) or (438/663) or (438/660) or (438/663) or (438/660) or (438/672) or (438/665) or (438/672) or (438/685) or (438/673) or (438/685) or						_			
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(438/692) or (438/700)).CCLS.) and (cmp or (chemical\$2 adj mechanical\$2 adj polish\$3))) and dish\$3) and (copper or cu)) and ((copper or cu) same (diffusion near10 (barrier or anti)))) and (damascene or trench)) and (passivat\$3 ner ((((((((((438/625) or (438/626) or (438/627) or (438/629) or (438/631) or (438/632) or (438/633) or (438/637) or (438/643) or (438/645) or (438/646) or (438/645) or (438/653) or (438/656) or (438/660) or (438/663) or (438/660) or (438/672) or (438/674) or (438/675) or (438/685) or (438/675) or (438/689) or (438/675) or (438/689) or (438/675) or (438/692) or (438/670)).CCLS.) and (cmp or					İ				
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S16	38	((((((((438/625) or (438/626) or	US-PGPUB;	OR	ON	2004/07/23 22:42
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Search History 4/20/05(1:05:32 PM or Page 1) and C:\Documents and Settings () Gurley (Ny Documents (PAST\Workspaces\10808802.wsp () polish near 10 stops 4))))) and			cu) came (diffusion near10					
C:\Documents and Settings\(Gurley\rightarrow		<u> </u>	(barrier or anti))) and			<u></u>		
C:\Documents and Settings\(Gurley\rightarrow	Search H	listory 4/20	(05.1:05:32 PM (Page 13)					
(point near 20 stopp 1)))) and	C:\Docu	ments and Se	rtings/liguriey/(rly llocuments/EAST/Work	spaces\108088	D2.wsp			
			(poilsit fied; 10 stopp 1)))) and					

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S20	0	((((((((((((438/625) or (438/626)	US-PGPUB;	OR	ON	2004/07/23 22:46
		or (438/627) or (438/629) or	USPAT;			
		(438/631) or (438/632) or	EPO; JPO;			
		(438/633) or (438/637) or	DERWENT;			
		(438/643) or (438/645) or	IBM_TDB			
		(438/646) or (438/648) or	_			
		(438/653) or (438/656) or				
		(438/660) or (438/663) or				
	:	(438/669) or (438/672) or				
		(438/674) or (438/675) or				
		(438/685) or (438/687) or				
		(438/692) or (438/700)).CCLS.)				
		and (cmp or (chemical\$2 adj				
		mechanical\$2 adj polish\$3))) and				
		dish\$3) and (copper or cu)) and				
	1	((copper or cu) same (diffusion				
		near10 (barrier or anti)))) and				
		(damascene or trench)) and				
	-					
		(cap\$4 near10 (copper or cu)))				
		not (((((((((438/625) or			_	
		(438/626) or (438/627) or				
		(438/629) or (438/631) or				
		(438/632) or (438/633) or				
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		(438/648) or (438/653) or				
		(438/656) or (438/660) or				
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		(438/687) or (438/692) or				
		(438/700)).CCLS.) and (cmp or				
		(chemical\$2 adj mechanical\$2 adj				
		polish\$3))) and dish\$3) and				
		(copper or cu)) and ((copper or				
		cu) same (diffusion near10		1		
		(barrier or anti)))) and	,	ł		
		(damascene or trench)) and		1		
		(passivat\$3 near10 (copper or		ł		
		cu))) not ((((((((438/625) or				
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	Ι,	(chemical\$2 adj mechanical\$2 adj				
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		1 * * * * * *				
		(copper or cu)) and ((copper or				
		cu) same (diffusion near10				
Search H	listory 4/20	(barrier or anti)))) and (barrier or anti)))) and (barrier or anti))) and (trings)) Gurey) by Documents (EAST\Work				
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		(polish near10 stop\$4)))) and				
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S21	10	(((((((((((((438/625) or (438/626) or (438/627) or (438/629) or	US-PGPUB; USPAT;	OR	ÓN	2004/07/23 22:46	
	.	or (438/627) or (438/629) or					
		(438/631) or (438/632) or	EPO; JPO; DERWENT;				
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		(438/669) or (438/672) or					
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	•	(438/685) or (438/687) or					
		(438/692) or (438/700)).CCLS.)					
		and (cmp or (chemical\$2 adj					
	:	mechanical\$2 adj polish\$3))) and					
		dish\$3) and (copper or cu)) and					
		((copper or cu) same (diffusion					
		near10 (barrier or anti)))) and					
	•	(damascene or trench)) and					
		(cap\$4 near10 (copper or cu)))		[
		not (((((((((438/625) or					
		(438/626) or (438/627) or					
		(438/629) or (438/631) or					
		(438/632) or (438/633) or		ļ			
		(438/637) or (438/643) or	1 .				
		(438/645) or (438/646) or		ļ			
	•	(438/648) or (438/653) or				,	
		(438/656) or (438/660) or					
	,	(438/663) or (438/669) or				·	
		(438/672) or (438/674) or					
		(438/675) or (438/685) or					
		(438/687) or (438/692) or					
		(438/700)).CCLS.) and (cmp or					
		(chemical\$2 adj mechanical\$2 adj					
		polish\$3))) and dish\$3) and	,				
		(copper or cu)) and ((copper or					
		cu) same (diffusion near10					
		(barrier or anti)))) and					
		(damascene or trench)) and					
		(passivat\$3 near10 (copper or		1			İ
		cu))) not ((((((((438/625) or				,	
		(438/626) or (438/627) or					
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		(438/632) or (438/633) or (438/637) or (438/643) or					
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		(438/656) or (438/660) or					
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		polish\$3))) and dish\$3) and					
		(copper or cu)) and ((copper or					
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Search H	listory 4/20	(barrier or anti)))) and		 	-		ł
	ments and Sel	H:h762111516EV7MV F1671186E4E4E4F1271VA	 spaces\108088	02.wsp			
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S22	601	(((((438/625) or (438/626) or (438/627) or (438/629) or (438/631) or (438/632) or (438/633) or (438/637) or (438/643) or (438/645) or (438/646) or (438/648) or (438/653) or (438/663) or (438/660) or (438/663) or (438/669) or (438/672) or (438/674) or (438/675) or (438/685) or (438/687) or (438/692) or (438/700)).CCLS.) and (cmp or (chemical\$2 adj mechanical\$2 adj polish\$3))) and dish\$3) and (damascene or trench)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/23 23:11
523	454	((((((438/625) or (438/626) or (438/627) or (438/629) or (438/631) or (438/632) or (438/633) or (438/637) or (438/643) or (438/645) or (438/646) or (438/645) or (438/653) or (438/656) or (438/660) or (438/663) or (438/669) or (438/672) or (438/685) or (438/675) or (438/685) or (438/687) or (438/685) or (438/687) or (438/685) or (438/687) or (438/692) or (438/700)).CCLS.) and (cmp or (chemical\$2 adj mechanical\$2 adj polish\$3))) and dish\$3) and (damascene or trench)) and ((remov\$3 or polish\$3 or planariz\$3) near5 (insulat\$3 or dielectric))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/07/23 23:13
S24	10	(((((((((438/625) or (438/626) or (438/627) or (438/629) or (438/631) or (438/632) or (438/633) or (438/637) or (438/643) or (438/645) or (438/646) or (438/648) or (438/653) or (438/656) or (438/660) or (438/663) or (438/669) or (438/672) or (438/685) or (438/687) or (438/685) or (438/687) or (438/685) or (438/687) or (438/692) or (438/700)).CCLS.) and (cmp or (chemical\$2 adj mechanical\$2 adj polish\$3))) and dish\$3) and (damascene or trench)) and ((remov\$3 or polish\$3 or planariz\$3) near5 (insulat\$3 or dielectric))) and ((taper\$3 or round\$3) near5 (insulat\$3 or dielectric))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR .	ON	2004/07/31 00:16

S25	2	(("6211035") or ("6211063")).PN.	USPAT; USOCR	OR	OFF	2004/07/31 00:16	ĺ
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